

IN THE SPECIFICATION

Please amend the specification as follows.

On page 13, please amend the paragraph on lines 31-32 as follows.

In this application the terms **[[☐]]**analyte**[[☐]]**, **[[☐]]**amplicon**[[☐]]** and **[[☐]]**target**[[☐]]** or **[[☐]]**target sequence**[[☐]]** may be used interchangeably.

On page 15, please amend the paragraph on lines 14-18 as follows.

Figures 10-19: Schematic representation of a series of Molecular Beacons allowing detection of HIV, according to the state of the art, hereafter referred as MB 1 to MB 10. Each Molecular Beacon has a different stem that ~~containsecontents~~ 2'- O-methyl derivatives.

Please amend the paragraph bridging pages 15-16 as follows.

In figures 1-8 and 10-19, the modified nucleotides are represented by the corresponding letter, mainly G for guanidine or A for adenine, in **[[☐]]****bold**, italic and underlined ~~manner~~.